

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A SIMULATOR
PLUG-IN FOR CO-SIMULATION PURPOSES**

ABSTRACT OF THE DISCLOSURE

A system, method and article of manufacture are provided for equipping a simulator with plug-ins. In general, a first simulator written in a first programming language is executed for generating a first model and a second simulator written in a second programming language is executed to generate a second model so that a co-simulation may be performed utilizing the first model and the second model. The first simulator interfaces with the second simulator via a plug-in.